

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yury Petrovich Guscho      Art Unit : Unknown  
Serial No. : 10/540,417      Examiner : Unknown  
Filed : December 3, 2003  
Title : AN ELECTRO-OPTICAL CONVERTER, THE GEL-LIKE LAYER FOR  
THE ELECTRO-OPTICAL CONVERTER AND METHODS FOR  
PRODUCTION OF THE GEL-LIKE LAYER

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Transmitted herewith are an Information Disclosure Statement, Forms PTO-1449 (2 pages), non-U.S. patent cited references, and a return postcard for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:



The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

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Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 19350-002US1/5002US

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## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number EV 471536994 US

Date of Deposit December 15, 2005

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.105 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

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Stephanie Seidman

Attorney's Docket No.: 19350-002US1/5002US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yury Petrovich Guscho                      Art Unit : Unknown  
Serial No. : 10/540,417                                      Examiner : Unknown  
Filed : December 3, 2003  
Title : An Electro-optical converter, the gel-like layer for the electro-optical converter and methods for production of the gel-like layer.

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT IN**  
**ACCORDANCE WITH 37 C.F.R. §§1.97-1.98**

Dear Sir:

Because this Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application a fee is not required. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (2 pages) and copies of the cited references, other than U.S. Patents and U.S. published applications, are provided herewith in connection with the above-captioned application.

The documents cited on the Forms PTO-1449 are in the English language, with the exception of items noted below. Item AE (International Application Publication No. WO 2004/059372) is in the Russian language and is provided with an English language abstract (Item

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Stephanie Seidman

Applicant : Yury Petrovich Guscho  
Serial No. : 10/540,417  
Filed : December 3, 2003  
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Attorney's Docket No.: 19350-002US1/5002US  
Information Disclosure Statement

AQ); Item AF (RU 2031624) is in the Russian language and is provided with a Derwent English abstract (Item AN); Item AG (RU 2080641) is in the Russian language and is provided with an English language Derwent abstract (Item AO); Item AH (SU 678519) is in the Russian language and is provided with an English language Derwent abstract (Item AP); Item AM (Alekhin, V.A.) is in the Russian language and is provided with an English language INSPEC abstract (Item AR); Hence, in accordance with the requirements of 37 C.F.R. 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Stephanie Seidman  
Reg. No. 37,779

Attorney Docket No. 19350-002US1/5002US

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Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 19350-002US1/5002US	Application No. 10/540,417
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant <b>Yury Petrovich Guscho</b>	
		Filing Date <b>December 3, 2003</b>	Group Art Unit <b>2873</b>
(37 CFR § 1.98(b))			

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/DP/	AA	5,135,630	08/04/92	Goldburt et al.	204	192.14	07/01/91
↓	AB	5,432,280	07/11/95	Hara et al.	524	730	07/02/93
	AC	5,822,110	10/13/98	Dabbaj	359	293	05/13/97

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/DP/	AD	01/048531	07/05/01	PCT				
↓	AE	2004/059372	07/15/04	PCT				X*
	AF	2 031 624	03/27/96	RU				X*
	AG	2 080 641	05/27/97	RU				X*
	AH	678 519	08/05/79	SU				X*
	AI	1580592	09/28/05	EP				

X\* = An English language abstract is provided.

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/DP/	AJ	Alekhin et al., "Calculation of the value of the luminous efficiency when reproducing relief recordings by Schlieren optics with circular irises," Optical Spectroscopy (USSR), 43(5): 578-581 (1977)
↓	AK	Alekhin et al., "Optical characteristics of phase-relief recording with signal recording from the side of the substrate," Optical Spectroscopy 52(1): 61-63 (1982)
	AL	Alekhin, V.A., "Calculation of the optical parameters of a cylindrical schlieren projector," Soviet Journal of Optical Technology 52(7): 403-405 (1985)
	AM	Alekhin, V.A., "Characteristics of Multichannel Phase Reliefographic Light Modulators," Avtometriya No. 1 : 38-43 (1990)
	AN	Derwent English Abstract for Russian Patent Application RU 2031624, published March 27, 1995, entitled: "Relief-graphic information recording device - has 2 <sup>nd</sup> electro-conductive layer applied onto base from side of gas gap and uses moving carrier to record digital-symbol information and 1/2 tone image".
	AO	Derwent English Abstract for Russian Patent Application RU 2080641, published May 27, 1997, entitled: "Television projector - has sources for pass voltage to control electrodes, producing ponderomotive forces and deformation of free surfaces of gel layer".
↓	AP	Derwent English Abstract for Soviet Union Patent Application SU 678519, published August 5, 1979, entitled: "TV signals optical recording and playback medium - has control signal sources connected to transparent ribbon electrodes on glass plate and connected to transparent conducting layer".

Examiner Signature /Dawayne Pinkney/	Date Considered 03/26/2008
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>19350-002US1/5002US</b>	Application No. <b>10/540,417</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant <b>Yury Petrovich Guscho</b>	
		Filing Date <b>December 3, 2003</b>	Group Art Unit <b>Unknown 2873</b>
(37 CFR §1.98(b))			

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/DP/	AQ	English abstract of PCT Patent Application WO 2004/059372, published 07/15/04, entitled "Electro-optical transducer and jelly layer therefore, method for producing a jelly layer and a compound for carrying out said method".
↓	AR	INSPEC Abstract Number: A91053450, B91025248, English abstract of: Alekhin, V.A., "Characteristics of multichannel phase reliefographic light modulators," Avtometriya no. 1, pp.38-43 (1990)
↓	AS	Gushcho et al., "A large-screen laser projector based on light modulation in a gel-like deformable layer," Journal of the Moscow Physical Society 7: 351-361 (1997)

Examiner Signature <b>/Dawayne Pinkney/</b>	Date Considered <b>03/26/2008</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)